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U. S. DEPARTMENT OF COMMERCE
Weather Bureau

ANNUAL
METEOROLOGICAL
SUMMARY

With Comparative Data

1948

PEORIA, ILLINOIS

Compiled Under the Direction of

W. A. McDANIEL

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Sheet 1

U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

Annual Meteorological Summary for PEORIA, ILLINOIS Year 1948

MONTH	TEMPERATURE °F								RELATIVE HUMIDITY (percent)			
	Mean Maximum	Mean Minimum	Mean Monthly	EXTREMES				Number of Degree Days (base 65)	12:10	6:10	12:10	6:10
				Highest	Date	Lowest	Date		a.m. CST	a.m. CST	p.m. CST	p.m. CST
Jan.	28.3	12.1	20.2	49	8	-6	28	1390	79	83	66	71
Feb.	36.6	18.6	27.6	59	18	-1	8	1087	80	86	70	72
Mar.	46.7	28.3	37.5	73	26	-4	12	854	81	85	69	69
Apr.	64.9	45.1	55.0	85	24	31	9	730	70	77	53	53
May	71.6	47.6	59.6	86	28	40	3	180	73	80	53	55
June	81.2	59.9	70.6	93	11	49	16	14	77	81	56	56
July	84.6	65.0	74.8	95	6	52	1	0	84	38	62	63
Aug.	85.6	63.0	74.3	95	24	51	5	4	80	38	54	59
Sept.	80.1	58.0	69.0	95	19	47	9	39	80	90	54	62
Oct.	63.2	41.2	52.2	80	1	22	18	398	78	86	50	62
Nov.	51.3	34.4	42.8	73	4	19	29	664	83	87	69	70
Dec.	39.5	23.3	31.4	62	13	2	10	1040	80	85	64	73
Year	61.1	41.4	51.2	95	Aug. 24	-6	Jan. 28	6000	79	85	60	64

MONTH	PRECIPITATION (inches)						SUNSHINE		WIND (corrected to true velocity)				
				Snowfall (unmelted)			Number of hours	Percent of possible	Average hourly Velocity	Prevailing Direction:	Highest		
	Total	Greatest in 24 Hours	Date	Total	Greatest in 24 hours	Date					Velocity	Direction	Date
Jan.	1.25	1.07	1	4.3	2.1	1	158	53	10.6	NW	30	NW	15
Feb.	1.70	1.10	27-28	4.0	1.9	3	178	57	9.9	NE	38	SW	28
Mar.	3.94	1.07	18-19	3.0	1.4	10-11	203	55	11.8	N	47	SW	19
Apr.	1.81	0.97	6-7	0.0			269	67	12.3	S	31	W	8
May	2.55	0.89	5-6	0.0			296	66	9.1	NE	31	W	16
June	3.25	1.06	21-22	0.0			275	61	8.3	SW	27	SW	22
July	8.18	3.19	4-5	0.0			296	65	7.1	SW	26		21
Aug.	0.81	0.38	3-4	0.0			330	78	6.4	SW	29	NE	29
Sept.	1.72	0.81	20-21	0.0			264	70	7.8	NE	31	E	1
Oct.	1.18	0.98	6-7	0.0			223	65	7.9	S	25	SW	7
Nov.	1.13	0.43	2-3	T	T	19-20	133	45	10.5	SW	35	W	16
Dec.	2.61	1.16	14-15	2.0	1.0	18-19	151	52	11.9	S	48	SW	5
Year	30.13	3.19	July 4-5	13.3	2.1	Jan. 1	2776	61	9.5	SW	48	SW	Dec. 5

Office is located at the Municipal Airport, 5 miles WSW of downtown Peoria.
Latitude 40°40' North, Longitude 89°41' West: Station Elevation 654 feet.
Thermometers 7, rain gage 4, anemometer 50 feet above ground. Wind instruments
changed from 26 feet to 50 feet on November 22, 1948.

Frost Data for Year 1948.

Last killing frost in Spring: April 9th.
First killing frost in Autumn; October 18.
Growing season; 192 days.

U. S. DEPARTMENT OF COMMERCE

WEATHER BUREAU

Annual Meteorological Summary for PORTLAND, MAINE, Year 1943

NUMBER OF DAYS

MONTH		NUMBER OF DAYS														
Jan.	Feb.	Mar.	Average cloudiness (Scale 0-10)	Winds, 30 m. p. h. and over	Clear	Partly Cloudy	Cloudy	Precipitation, 0.01 inch or more	Snow, 0.1 inch or more (Melted)	Thunderstorms	Fog, dense	Fog, light	32° or below	30° or above	32° or below	0° or below
6.0	6.6	6.5	1	5	7	12	12	6	6	1	0	7	18	0	31	0
6.5	6.6	6.5	1	5	7	12	16	7	3	1	3	19	14	0	25	1
6.5	6.6	6.5	1	5	7	12	17	15	5	5	2	16	9	0	19	0

Maximum temperature
Minimum temperature

July 20.0
Jan. 1.0

WEATHER BUREAU

Annual Meteorological Summary for PEORIA, ILLINOIS Year 1948 contd.

MONTH	Average cloudiness (Scale 0-10)	Winds, 30 m. p. h. and over	NUMBER OF DAYS								TEMPERATURE			
			Clear	Partly Cloudy	Cloudy	Precipitation, 0.01 inch or more	Snow, 0.1 inch or more (Melted)	Thunderstorms	Fog, dense	Fog, light	Maximum		Minimum	
											°F. or below	°F. or above	°F. or below	°C. below
Jan.	6.0	1	7	12	12	6	6	1	0	7	18	0	31	5
Feb.	6.6	3	7	6	16	7	3	1	5	19	14	0	25	2
Mar.	6.5	1	9	5	17	15	5	5	2	16	9	0	19	1
Apr.	6.1	1	9	6	15	8	0	3	0	4	0	0	2	0
May	5.5	1	9	12	10	10	0	6	1	12	0	0	0	0
June	6.3	0	8	6	16	12	0	11	1	10	0	3	0	0
July	5.9	0	8	9	14	11	0	11	0	10	0	2	0	0
Aug.	5.1	0	11	10	10	6	0	5	0	5	0	9	0	0
Sept.	4.9	1	13	7	10	8	0	4	1	12	0	3	0	0
Oct.	4.8	0	15	6	10	6	0	0	3	14	0	0	3	0
Nov.	7.1	2	6	6	18	6	0	1	3	15	0	0	17	0
Dec.	6.3	2	6	12	13	9	4	1	4	17	9	0	26	0
Year	5.9	12	108	97	161	104	18	49	20	141	50	17	123	8

Comparative Data and Extremes, PEORIA, ILLINOIS

(Averages from all available records, including the year 1948.)

MONTH	TEMPERATURE								RELATIVE HUMIDITY (percent)		
	Mean Maximum	Mean Minimum	NORMAL #	EXTREMES				Number of Degree Days (base 65)	6:30 a.m. CST	12:50 p.m. CST	6:30 p.m. CST
				Highest	Date	Lowest	Date				
Length of Record Yrs.	44	44	38	93	93	93	93	42	44	31	44
Jan. -----	33.2	17.1	24.1	71	1909	-27	1884	1231	88	73	78
Feb. -----	36.3	19.9	27.2	74	1932	-26	1905	1035	86	70	73
Mar. -----	48.7	30.0	38.3	87	1907	-11	1943	790	84	62	66
Apr. -----	61.2	40.7	49.9	92	1899*	14	1920	436	79	57	59
May -----	72.4	50.9	60.8	104	1934	28	1906	178	79	56	59
June -----	82.3	60.5	70.4	105	1936*	35	1859	28	80	57	59
July -----	87.2	64.9	75.2	113	1936	46	1911	4	80	53	56
Aug. -----	85.3	63.1	73.1	106	1936	41	1915*	8	85	55	62
Sept. -----	78.0	55.7	65.9	104	1899	24	1942	88	87	56	67
Oct. -----	65.6	43.7	53.5	92	1922	7	1925	350	86	55	66
Nov. -----	49.5	31.9	39.8	81	1937	-1	1857*	730	85	66	71
Dec. -----	36.4	21.4	28.1	71	1875	-24	1924	1126	88	74	79
Year	61.3	41.6	50.5	113	July 1936	-27	Jan. 1884	6004	84	61	66

Highlights of 1948

The first day of the year received one of the worse glaze storms of record. The heavy accumulation of ice on all wires and trees resulted in widespread damage, isolating some localities for weeks. Since the ground was relatively warm, pavements remained slushy.

July totalled 8.18 inches of rainfall, the wettest in 53 years.

August, September, October, and November were deficient in moisture, totalling less than half the normal amount.

A period of pleasant "Indian Summer" was experienced during the last week of October and first week of November with maximum temperatures in the 70's.

On the whole, the year was favorable for crops, resulting in a bumper corn yield.

Freezing rain during the early hours of December 28th made driving conditions quite hazardous for a brief period.

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U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

Comparative Data and Extremes, IEBORIA, ILLINOIS—Contd.
(Average from all available records, including the year 1943)

MONTH	PRECIPITATION (inches)						SUNSHINE		WIND (corrected to true velocity)				
	Total	Greatest in 24 hours	Date	Snowfall (unmelted)			Number of hours	Percent of possible	Average hourly velocity	Prevailing Direction	Highest		
				Total	Greatest in 24 hours	Date					Velocity	Direction	Date
Length of Record Yrs.	50	64	64	64	64	64	44	44	44	44	44	44	44
Jan.	1.78	2.90	1897	6.1	13.6	1927	145	49	8.4	S	42	S	1906
Feb.	2.01	3.16	1942	5.3	18.0	1900	160	53	8.8	N	39	W	1944
Mar.	2.73	3.39	1944	3.6	9.0	1946	210	57	9.2	S	51	SW	1918
Apr.	3.38	3.39	1947	0.8	7.0	1920	237	59	9.2	S	54	SW	1947
May	4.06	3.52	1927	T	0.1	1923	283	63	7.4	S	40	SW	1945*
June	3.77	4.74	1911	0.0	0.0		317	70	6.2	S	41	W	1946
July	3.58	4.09	1895	0.0	0.0		351	76	5.2	S	35	N	1943
Aug.	3.12	4.49	1926	0.0	0.0		302	71	5.0	S	58	N	1907
Sept.	4.03	3.63	1888	T	1.0	1942	252	67	5.6	S	34	W	1944
Oct.	2.29	3.09	1939	0.1	3.3	1929	215	62	6.3	S	38	W	1905
Nov.	2.37	3.00	1858	1.3	9.1	1926	151	51	8.1	S	42	SW	1945
Dec.	1.77	2.60	1895	4.1	9.2	1909	129	45	8.0	S	48	SW	1948
Year	34.89	5.52	1927	21.3	18.0	1900	2752	60	7.3	S	58	N	1907

MONTH	Average cloudiness (Scale 0-10)	NUMBER OF DAYS										Temperature			
		Winds, 32 m. p. h. or over	Clear	Partly cloudy	Cloudy	Precipitation 0.01 inch or more	Snow, 0.1 inch or more (Melted)	Thunderstorms	Fog, dense	Fog, light		Maximum		Minimum	
												32° or below	90° or above	32° or below	0° or below
Length of Record Yrs.			44	44	44	44	44	44	44				44	44	44
Jan.			10	7	14	9	5	/	2				0	28	4
Feb.			9	7	12	8	4	1	2				0	25	2
Mar.			11	8	12	10	4	3	1				0	19	/
Apr.			10	9	11	12	1	4	/				/	5	0
May			11	11	9	13	0	7	/				1	/	0
June			13	11	6	10	0	10	/				6	0	0
July			16	11	4	8	0	8	/				11	0	0
Aug.			15	11	5	9	0	7	/				9	0	0
Sept.			14	9	7	9	0	5	1				4	/	0
Oct.			15	7	9	8	0	2	1				/	4	0
Nov.			11	7	12	8	1	1	1				0	16	/
Dec.			9	7	15	9	5	/	2				0	26	2
Year			144	105	116	113	20	48	10				31	123	8

* And other years. / Less than one-half day. T Trace.
New normals effective July 1, 1948; based on 38 year average (1905-1942)
and adapted to airport exposure.

Comparative Frost Data:

Average date of last killing frost in Spring; April 15.
Latest date of killing frost in Spring; May 11, 1897.

Average date of first killing frost in Autumn; October 20.
Earliest date of killing frost in Autumn; September 26, 1928.

Average growing season; 189 days.
Longest; 214
Shortest; 151

U. S. DEPARTMENT OF COMMERCE

WEATHER BUREAU

Annual Meteorological Summary for PEORIA, ILLINOIS Year 1943

MONTH	Average cloudiness (Scale 0-10)	Winds, 30 m. p. h. and over	Clear	Partly Cloudy	Cloudy	Precipitation, 0.01 inch or more	Snow, 0.1 inch or more (Melted)	Thunderstorms	Fog, dense	Fog, light	NUMBER OF DAYS			
											Maximum	30° or above	29° or below	0° or below
Jan. -----	6.0	1	7	12	12	6	0	1	0	7	18	0	31	5
Feb. -----	6.6	3	7	6	16	7	3	1	5	19	14	0	25	2
Mar. -----	6.5	1	9	5	17	15	5	5	2	16	9	0	19	1

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U. S. DEPARTMENT OF COMMERCE
WEATHER BUREAU

ANNUAL METEOROLOGICAL SUMMARY

WITH COMPARATIVE DATA

1947

PEORIA, ILLINOIS

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ANNUAL METEOROLOGICAL SUMMARY

PEORIA, ILLINOIS (AIRPORT)

YEAR 1947

Lat. 40° 40' N.; Long. 89° 41' W.

Elevation: Station 654 feet above sea level.

Thermometers 6, rain gage 4, anemometer 26 feet above ground.

MONTH	TEMPERATURE				PRECIPITATION				SUN-SHINE		WIND [TRUE VELOCITIES]				NUMBER OF DAYS																
	Average		Extremes		Total	Greatest in 24 hours	Snowfall	Greatest Snowfall 24 hours	Date	Number of degree days (base 65°)	RELATIVE HUMIDITY (per cent.)	Number of hours	Per cent. of possible	Average hourly velocity	Prevailing direction	Maximum		Partly Cloudy	Cloudy	Precipitation .01 inch or more	Snow, 0.1 inch or more	Thunderstorms	Heavy Fog	Maximum temperature 90° or higher	Minimum temperature 32° or lower	Minimum temperature zero or lower					
																Date	Lowest														
	Maximum	Minimum	Monthly	Highest	Date	Lowest	Date																								
	January ...	36.8	20.2	28.5	51	14	1.47	0.98	29	5.1	4.2	2	85	71	78	160	54	11.3	sw.	31	nw.	21	6	10	15	6	4	1	2	0	3
February ...	29.7	13.3	21.5	52	14	0.33	0.12	6	5.3	2.5	6	84	62	69	169	57	13.0	w.	33	nw.	4	5	7	16	6	6	0	0	27	2	
March ...	40.8	24.6	32.7	58	23	2.25	0.99	24	6.8	3.6	24-25	82	58	63	221	60	10.8	nw.	34	nw.	25	4	10	17	9	6	2	0	0	0	0
April ...	59.6	40.0	49.8	77	23	8.66	3.39	29	T.	T.	16	84	66	66	197	49	12.4	e.	54	sw.	5	4	4	21	12	0	1	0	0	0	0
May ...	66.9	46.7	56.8	83	15	4.63	0.95	28-29	0.0	0.0	.....	82	58	62	255	57	10.2	nw.	34	w.	28	6	10	15	16	0	0	0	0	0	0
June ...	76.9	59.1	68.0	94	28	7.13	1.73	17-18	0.0	0.0	.....	87	67	66	235	52	10.0	s.	34	w.	30	2	13	15	12	0	2	0	0	0	0
July ...	83.7	61.2	72.4	98	30	1.64	0.68	20	0.0	0.0	.....	82	49	53	362	79	7.9	sw.	27	e.	27	10	18	3	6	0	0	0	0	0	0
August ...	93.5	70.5	82.0	101	2	1.33	0.95	29	0.0	0.0	.....	84	48	53	333	78	6.9	sw.	26	ne.	24	13	14	4	6	0	0	0	0	0	0
September ...	79.1	57.2	68.2	93	3	2.49	1.35	21	0.0	0.0	.....	83	53	59	278	74	9.1	se.	26	sw.	14	15	7	8	6	0	0	4	0	0	0
October ...	74.1	52.4	63.2	86	15	3.57	1.15	17	0.0	0.0	.....	88	57	65	221	64	7.2	s.	36	se.	17	11	10	20	8	1	0	0	0	21	0
November ...	42.2	27.8	35.0	61	4	2.54	0.76	14-15	3.6	3.1	23-24	84	68	73	95	32	10.2	w.	36	sw.	7	4	6	18	12	3	2	0	0	28	0
December ...	39.1	23.5	31.3	58	7	3.13	1.35	3-4	1.8	1.1	10	88	74	77	114	40	9.7	nw.	36	w.	7	7	6	18	7	4	4	0	0	28	0
Year....	60.2	41.4	50.8	101	- 8	39.17	3.39	Apr. 29	22.6	4.2	2	84	61	65	2640	58	9.9	s.	54	sw.	Apr. 5	88	115	162	106	21	52	14	37	134	5

FROST DATA: Last killing frost in Spring, April 21. First killing frost in Autumn, November 6. Growing season, 199 days.

Comparative Data and Extremes

MONTH	TEMPERATURE						PRECIPITATION						RELATIVE HUMIDITY (per cent.)		SUNSHINE		WIND				AVERAGE NUMBER OF DAYS																
	Average daily maximum	Average daily minimum	Normal §	Absolute highest	Year	Absolute lowest	Year	Average Number of degree days, (base 65°)	Normal total	Greatest in 24 hours	Year	Average snowfall	Greatest snowfall in 24 hours	Year	6:30 a.m.	12:30 p.m.	6:30 p.m.	Average Total hours	Per cent of possible	Average hourly velocity	Prevailing direction	Maximum			Clear	Partly cloudy	Cloudy	Precipitation .01 or more	Snow 0.1 or more	Thunderstorms	Heavy for	Maximum temperature 90° or higher	Minimum temperature 32° or lower	Minimum temperature zero or lower			
43	43	50	92	92	92	92	42	50	63	63	63	63	63	43	30	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43				
Length of record, yrs.	43	43	50	92	92	92	92	42	50	63	63	63	63	63	43	30	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43		
Jan.	33.3	17.2	22.1	71	1909	-27	1884	1231	1.78	3.5	1897	6.2	13.6	1927	88	74	78	145	49	8.3	s.	42	s.	1906	1907	1906	1906	1906	1906	1906	1906	1906	1906	1906	1906	1906	
Feb.	36.3	19.9	24.9	74	1932	-26	1905	1035	2.01	3.17	1942	5.3	18.0	1900	86	70	74	160	53	8.7	nw.	39	w.	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	
Mar.	48.8	30.0	36.0	87	1907	-11	1943	790	2.73	3.39	1944	3.6	9.0	1946	84	62	66	210	57	9.1	s.	51	sw.	1918	1918	1918	1918	1918	1918	1918	1918	1918	1918	1918	1918	1918	
Apr.	61.1	40.6	49.9	92	1899*	14	1920	436	3.38	3.39	1947	0.8	7.0	1920	79	57	59	237	60	9.1	s.	54	sw.	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	
May	72.5	51.0	60.7	104	1934	28	1906	178	4.06	5.52	1927	T.	0.1	1923	80	57	60	283	63	7.3	s.	40	sw.	1945*	1945*	1945*	1945*	1945*	1945*	1945*	1945*	1945*	1945*	1945*	1945*	1945*	
June	82.2	60.6	69.9	105	1936*	35	1859	28	3.77	4.74	1911	0.0	0.0	.....	80	57	59	318	70	6.1	s.	41	w.	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	1946	
July	87.3	64.9	74.4	113	1936	46	1911	4	3.58	4.09	1895	0.0	0.0	.....	80	52	56	352	77	5.1	s.	55	nw.	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	
Aug.	85.2	63.1	71.5	106	1936	41	1915*	8	3.12	4.49	1926	0.0	0.0	.....	85	55	63	301	70	5.0	s.	58	n.	1907	1907	1907	1907	1907	1907	1907	1907	1907	1907	1907	1907	1907	
Sept.	77.9	55.7	63.3	104	1899	24	1942	88	4.03	3.63	1888	T.	1.0	1942	87	56	67	251	67	5.6	s.	34	w.	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944	1944
Oct.	65.6	43.8	51.0	92	1922	7	1925	350	2.29	3.09	1939	0.1	3.3	1929	87	56	66	215	62	6.3	s.	38	w.	1905	1905	1905	1905	1905	1905	1905	1905	1905	1905	1905	1905	1905	1905
Nov.	49.4	31.9	36.5	81	1937	-1	1857*	730	2.37	3.00	1858	1.3	9.1	1926	85	66	71	151	51	8.1	s.	42	sw.	1945	1945	1945	1945	1945	1945	1945	1945	1945	1945	1945	1945	1945	1945
Dec.	36.4	21.3	27.1	71	1875	-24	1924	1126	1.77	2.60	1895	4.1	9.2	1909	88	74	79	128	45	7.9	s.	42	nw.	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943	1943
Annual	61.4	41.6	48.9	113	July 1936	-27	Jan. 1884	6004	34.89	5.52	1927	21.4	18.0	Feb. 1900	84	61	66	2751	60	7.2	s.	58	n.	1907	1907	1907	1907	1907	1907	1907	1907	1907	1907	1907	1907	1907	1907

* And other years.

† Less than one-half day.

T. Trace.

§ Adapted to Airport exposure.

FROST DATA: Average date of last killing frost in Spring, April 14. Average date of first killing frost in Autumn, October 20.

Latest date of killing frost in Spring, May 11, 1857. Earliest date of killing frost in Autumn, September 26, 1928.

Average growing season, 190 days. Longest, 214; Shortest, 151.

DAILY PRECIPITATION, 1947

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1....	T.	.06	.15	T.	.13	.37	T.	.....	.14	T.	T.	T.
2....	.42	.....	T.	.....	.25	T.	.....	.01	.....	.06	.....	T.
3....	.04	T.	.....	.05	T.	.....	.....	.....	.....	.....	T.	.59
4....	.....	.04	T.	.14	.....	.....	.....	.....	T.	T.	.02	.94
5....	.....	.....	.....	2.92	.....	.08	.29	.....	.....	.....	.01	T.
6....	.....	.12	.....	.....	.16	.97	.09	T.	.....	.....	.23	.20
7....	T.	.02	.....	.....	.....	.78	.....	.....	.....	.....	.21	1.05
8....	.....	T.	T.	.....	.....	.....	.....	.....	.....	.....	T.	.....
9....	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....
10....	.....	.....	.....	.44	.....	.13	.....	.....	.12	.....	.73	.09
11....	.....	.....	.....	.....	.....	.....	.....	.....	.40	.....	.....	T.
12....	T.	.....	.....	.....	.28	.....	.11	.....	.....	.....	.....	T.
13....	T.	.....	.68	.....	T.	.25	.....	.....	.....	.....	.....	T.
14....	T.	T.	T.	.....	.....	T.	T.	T.	.01	.....	.60	.....
15....	T.	T.	.01	.27	.66	.....	T.	T.	.....	.....	.16	.....
16....	T.	T.	.....	.39	.02	.....	.....	.....	.....	.....	.....	.....
17....	.....	T.	.....	.....	.30	1.54	.02	.....	.....	1.15	.....	.04
18....	.....	T.	.05	.....	T.	.32	T.	.....	.....	.....	.....	.....
19....	T.	.....	T.	.09	.52	.54	.....	T.	.....	.....	.....	.....
20....	.01	T.	.02	.33	.59	.....	.68	.....	T.	.....	.....	.....
21....	.01	T.	T.	.....	.....	T.	.....	.....	1.35	.....	.02	.....
22....	T.	T.	.....	T.	.....	T.	.....	.....	.....	.....	.13	.....
23....	.....	T.	.32	.60	.10	.23	.....	.....	.....	.....	.30	T.
24....	.....	T.	.99	.03	.16	T.	.....	.02	.....	.74	.09	.....
25....	.....	.05	.01	.01	.06	T.	.....	.13	.....	.18	T.	T.
26....	.....	T.	.....	.....	.07	.....	.....	T.	.....	.22	T.	.....
27....	T.	T.	.....	.....	.38	.....	.45	.....	.....	1.13	.04	.....
28....	T.	.04	T.	.....	.85	.....	.....	.....	.47	.08	.....	.....
29....	.98	.....	.....	3.39	.10	1.25	.....	.95	.....	.....	T.	.....
30....	.01	.....	.....	T.	T.	.67	.....	.21	.....	.....	.....	.....
31....	T.	.....	.02	.....	T.	.....	.....	.01	.....	.01	.....	.22
Total	1.47	0.33	2.25	8.66	4.63	7.13	1.64	1.33	2.49	3.57	2.54	3.13

DAILY MEAN TEMPERATURE, 1947

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1....	11	16	22	49	58	68	72	68	77	50	53	32
2....	22	20	22	43	48	58	68	86	74	60	52	46
3....	12	25	20	46	56	57	69	87	78	69	50	42
4....	2	6	26	56	57	66	72	87	78	66	56	44
5....	8	11	32	58	51	74	72	84	76	66	43	34
6....	20	16	36	43	52	71	73	88	76	72	42	32
7....	30	6	30	43	48	72	68	82	78	72	43	44
8....	26	7	28	48	46	72	68	78	81	60	36	25
9....	26	8	33	45	46	78	70	77	78	59	34	22
10....	34	16	31	58	50	75	72	82	80	58	36	28
11....	37	22	38	51	60	62	74	83	78	62	32	27
12....	31	36	45	42	70	62	76	82	71	70	30	26
13....	43	37	40	44	62	61	78	84	69	64	27	28
14....	42	42	26	50	65	60	80	78	73	70	38	36
15....	36	36	22	51	70	58	74	78	60	72	39	24
16....	28	34	26	33	62	64	76	78	62	70	35	22
17....	32	35	28	47	65	65	79	84	68	72	30	32
18....	34	22	30	52	66	60	74	86	78	70	34	36
19....	35	18	34	46	66	60	67	84	78	64	35	29
20....	30	22	36	39	56	68	66	85	78	64	44	28
21....	14	22	34	47	58	69	63	85	67	68	44	25
22....	18	19	41	52	64	72	61	87	50	70	35	30
23....	38	13	52	62	56	66	65	88	52	66	26	28
24....	42	20	40	49	55	73	69	86	62	62	26	23
25....	40	25	26	51	59	70	72	80	56	64	24	29
26....	38	24	26	56	57	74	80	77	52	62	22	26
27....	40	20	33	52	54	76	76	76	52	54	30	36
28....	31	23	38	50	49	80	78	82	62	52	26	28
29....	32	..	36	62	46	76	79	77	52	48	18	36
30....	28	..	35	64	51	74	84	83	46	50	15	40
31....	22	..	44	..	61	..	72	78	..	53	..	32
Mean	28.5	21.5	32.7	49.8	56.8	68.0	72.4	82.0	68.2	63.2	35.0	21.3

Monthly and Annual Average Temperatures

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1856.....	15.4	22.0	33.4	55.1	59.4	73.4	75.1	68.2	62.5	55.2	36.5	22.2	48.2
1857.....	12.2	34.9	31.2	38.5	56.3	67.5	74.4	71.2	66.4	50.4	34.2	34.1	47.5
1858.....	34.4	20.4	40.5	49.4	56.5	72.3	74.5	72.8	64.5	51.1	35.1	31.3	50.2
1859.....	27.2	32.1	43.8	46.4	64.5	68.3	75.2	71.5	62.9	49.3	42.4	19.4	50.2
1860.....	25.2	31.6	43.6	52.3	66.4	72.4	74.1	72.5	63.7	53.3	36.4	23.6	51.3
1861.....	23.2	33.7	38.6	51.7	57.4	72.3	72.2	74.1	63.5	53.4	39.2	33.4	51.1
1862.....	21.1	23.2	36.2	47.2	62.6	68.7	75.4	74.6	67.3	53.2	36.0	34.3	50.0
1863.....	32.5	31.2	36.4	51.2	62.8	66.6	72.1	72.4	62.3	45.1	40.2	31.1	50.2
1864.....	23.2	33.4	37.3	46.5	63.3	71.1	74.4	72.3	64.4	48.0	39.2	25.4	49.1
1865.....	23.4	35.2	39.1	48.6	61.1	72.0	68.2	70.4	70.2	53.4	41.0	25.0	50.5
1866.....	24.2	25.3	33.2	53.7	58.0	67.6	75.1	67.4	57.9	52.6	41.1	27.0	48.9
1867.....	19.0	31.9	28.5	48.9	53.0	72.1	73.4	73.1	66.8	53.6	43.0	28.1	49.3
1868.....	18.0	26.9	44.3	45.0	59.6	69.2	80.0	68.0	59.0	50.2	40.0	24.4	48.9
1869.....	33.1	31.4	31.4	46.8	59.0	66.0	70.0	74.0	64.0	44.0	34.6	29.4	48.6
1870.....	27.2	30.3	34.4	53.0	65.6	72.1	78.0	71.5	68.0	54.0	42.1	26.2	51.8
1871.....	28.5	32.0	41.6	54.8	64.6	72.0	73.5	73.0	63.3	56.0	35.1	23.2	51.7
1872.....	25.3	32.2	33.4	52.0	62.4	73.2	76.3	76.0	64.3	51.1	32.0	19.4	49.6
1873.....	17.9	24.8	37.4	47.6	61.2	77.0	75.1	76.5	62.6	48.0	34.6	31.0	49.6
1874.....	27.2	30.0	37.6	42.7	65.0	75.2	78.3	76.0	67.4	53.8	37.6	29.6	51.5
1875.....	13.2	14.0	31.6	46.5	61.0	70.1	74.0	72.2	63.0	48.4	35.0	37.1	46.9
1876.....	32.5	33.2	34.2	52.6	64.8	69.0	76.6	74.0	63.6	49.8	37.2	17.8	50.3
1877.....	20.0	37.3	32.3	52.0	62.8	69.7	76.6	74.0	68.4	55.0	38.6	44.8	52.6
1878.....	31.5	37.3	49.8	56.0	60.0	69.4	80.0	76.6	67.2	51.8	41.8	21.4	53.4
1879.....	19.6	22.8	41.5	52.1	66.2	71.0	79.0	76.0	62.4	61.1	42.0	29.0	51.4
1880.....	40.2	35.0	39.1	53.0	68.3	74.3	76.6	76.7	63.4	49.8	30.2	22.4	52.5
1881.....	17.1	23.7	32.2	45.8	69.6	71.0	78.1	78.4	71.2	55.6	39.9	37.3	52.0
1882.....	28.4	40.3	42.0	52.5	57.2	71.0	72.0	73.6	64.2	57.0	42.3	27.1	52.4
1883.....	15.0	23.7	35.1	53.1	58.3	70.3	75.1	71.0	62.3	51.0	42.5	31.4	49.1
1884.....	17.7	29.2	37.6	51.2	62.4	72.0	74.2	73.0	71.4	57.5	41.8	26.8	51.2
1885.....	16.8	15.9	34.2	51.2	62.0	71.0	79.2	72.1	65.4	59.6	42.0	30.8	48.8
1886.....	16.9	26.4	37.2	54.7	64.7	71.1	77.1	75.7	66.8	55.4	36.6	21.0	50.3
1887.....	17.9	29.7	35.9	54.4	68.1	74.7	80.1	73.6	65.6	47.9	38.1	26.9	51.1
1888.....	15.5	25.4	34.1	52.4	58.5	71.4	76.6	69.8	58.9	48.3	38.9	31.3	48.4
1889.....	27.5	22.6	40.1	51.9	59.6	70.3	73.5	70.3	61.9	47.0	36.3	40.5	50.1
1890.....	29.8	32.7	32.0	52.8	58.4	75.9	76.1	70.2	61.1	51.7	41.1	30.8	51.0
1891.....	29.2	28.7	31.3	53.1	58.9	70.6	69.6	69.1	67.5	51.4	34.7	35.5	50.0
1892.....	18.4	32.0	34.4	48.0	57.4	71.2	73.8	72.8	62.9	55.5	34.5	25.5	48.9
1893.....	13.3	23.0	36.4	48.8	58.2	72.7	77.9	71.0	66.0	53.0	36.2	27.4	48.7
1894.....	27.5	24.2	44.0	56.4	60.9	74.2	75.4	72.0	65.0	52.3	34.7	31.5	51.5
1895.....	17.8	17.2	35.8	52.9	63.4	74.5	72.7	73.2	67.1	45.1	37.0	30.3	48.9
1896.....	28.1	27.4	34.8	58.1	68.5	70.9	74.5	72.8	60.7	49.0	38.0	33.8	51.4
1897.....	22.2	29.3	37.0	49.2	58.9	70.9	76.1	69.4	69.0	57.9	38.6	24.5	50.2
1898.....	28.5	29.1	41.0	49.1	60.5	73.3	76.0	72.6	68.0	50.2	36.2	25.2	50.8
1899.....	24.4	18.1	31.1	53.0	63.3	72.7	74.1	74.9	62.6	57.2	44.7	26.8	50.2
1900.....	28.6	21.7	31.7	51.8	63.6	70.7	74.7	78.1	66.2	59.4	38.2	29.3	51.2
1901.....	26.8	20.8	36.0	49.9	61.1	74.1	81.1	73.7	64.6	54.3	36.8	24.6	50.3
1902.....	26.1	21.1	41.4	50.0	66.6	67.8	74.4	70.3	61.5	55.1	47.6	27.4	50.8
1903.....	26.1	26.7	44.1	50.0	65.2	67.1	75.9	71.4	64.5	52.7	35.9	21.2	50.1
1904.....	18.2	20.0	36.4	45.4	62.9	70.4	72.9	69.1	65.4	51.8	41.3	28.0	48.5
1905.....	19.8	15.2	43.9	50.5	61.6	71.2	72.0	74.4	67.6	52.3	39.9	29.8	49.8
1906.....	30.2	27.0	29.3	54.2	63.0	69.3	72.6	75.4	69.7	52.8	39.5	30.6	51.1
1907.....	28.0	28.3	45.6	43.4	55.1	66.9	74.2	71.9	64.4	51.4	38.3	32.6	50.0
1908.....	26.8	27.0	42.3	51.0	62.0	69.4	74.2	72.6	69.0	54.1	41.8	29.4	51.6
1909.....	26.3	31.8	36.8	48.4	59.2	71.2	71.4	77.0	64.0	49.8	48.0	19.2	50.3
1910.....	24.3	23.8	49.8	52.0	56.4	69.8	75.4	72.2	65.4	56.6	35.2	25.4	50.5
1911.....	27.4	32.2	40.2	48.4	68.2	75.5	75.0	72.0	67.8	51.4	33.3	33.0	52.0
1912.....	11.0	20.8	28.4	51.5	64.2	68.4	74.8	72.4	67.0	54.8	41.8	32.7	49.0
1913.....	27.8	24.4	35.4	51.7	62.4	73.2	78.5	77.8	66.8	52.0	47.2	35.7	52.7
1914.....	32.2	19.3	36.8	51.2	65.0	74.2	78.8	75.4	66.2	57.2	43.4	20.8	51.7
1915.....	21.0	35.4	34.1	58.8	58.6	67.8	71.9	67.2	67.8	55.6	43.8	27.8	50.8
1916.....	27.2	24.4	37.4	49.8	61.4	65.8	81.0	76.0	63.6	54.2	42.4	25.2	50.7
1917.....	24.4	20.8	40.0	47.4	55.6	67.7	75.0	70.8	63.7	44.2	41.8	19.8	47.6
1918.....	10.4	27.9	45.6	45.8	66.4	71.4	72.8	77.5	58.2	56.2	41.9	36.6	50.9
1919.....	29.2	30.8	40.8	51.3	58.2	74.8	78.4	71.9	68.2	55.8	37.9	20.6	51.5
1920.....	18.6	27.6	41.5	44.2	60.8	72.0	73.6	72.2	68.5	60.2	38.6	30.8	50.7
1921.....	32.2	34.4	47.3	54.3	65.1	76.8	79.8	73.8	70.0	55.6	39.9	32.2	55.1
1922.....	23.8	29.9	41.2	52.5	65.6	73.2	74.7	74.5	69.6	58.0	43.2	28.8	52.9
1923.....	31.8	23.2	34.2	49.4	61.0	73.0	77.6	73.4	65.4	50.4	42.2	38.0	51.6
1924.....	19.0	28.0	34.8	53.5	55.5	69.2	71.0	72.7	60.4	59.2	41.2	21.8	48.9
1925.....	23.5	33.1	41.1	57.8	57.8	73.4	74.9	73.9	71.6	43.4	37.7	24.8	51.1
1926.....	26.9	33.4	32.0	44.0	64.0	67.2	75.8	74.4	65.6	52.5	36.2	26.8	49.9
1927.....	23.4	36.1	43.2	50.8	60.0	67.2	73.7	68.5	70.0	58.0	43.3	25.9	51.7
1928.....	26.5	32.3	40.4	47.6	63.3	66.0	75.6	74.8	61.2	57.0	41.7	32.0	51.5
1929.....	17.8	21.2	45.4	53.6	59.4	68.6	75.3	71.6	65.2	53.0	35.8	28.2	49.6
1930.....	17.0	38.4	38.8	55.0	63.3	71.6	78.2	76.1	69.8	53.0	42.4	29.8	52.8
1931.....	32.6	36.7	36.7	52.6	58.2	75.7	79.2	74.0	73.0	59.2	50.2	38.6	55.6
1932.....	33.2	36.8	31.8	51.4	63.7	73.4	76.7	74.2	64.8	52.8	36.0	27.8	51.9
1933.....	37.6	26.8	39.4	50.9	62.8	78.9	78.5	73.0	72.6	51.8	39.6	32.6	53.7
1934.....	31.7	23.8	34.1	51.6	68.7	79.2	81.0	74.4	63.8	57.4	46.0	26.0	53.1
1935.....	26.2	31.4	44.3	48.4	55.8	67.4	79.2	74.8	65.8	54.4	38.6	23.2	50.8
1936.....	17.2	14.8	41.9	48.2	67.0	72.0	84.3	80.3	70.5	54.2	37.8	33.8	51.8
1937.....	23.8	27.8	36.2	49.7	63.2	70.8	75.8	78.3	65.8	52.2	36.7	26.8	50.6
1938.....	26.2	36.2	47.4	53.3	62.2	69.9	76.5	77.2	68.1	60.3	43.0	30.0	54.2
1939.....	32.2	27.5	41.0	47.7	66.2	73.0	76.2	73.2	71.7	57.1	41.2	33.9	53.4
1940.....	13.3	29.4	35.9	49.8	58.9	73.4	77.4	74.8	66.6	59.0	38.2	34.0	50.9
1941.....	28.4	25.7	35.4	56.0	66.8	73.4	77.0	76.2	69.7	58.0	43.3	36.4	53.9
1942.....	25.6	26.8	42.0	56.1	61.9	71.9	76.3	73.3	64.8	55.2	41.4	24.6	51.7
1943.....	24.3	27.8	35.4	48.8	60.7	73.2	76.1	75.6	61.9	53.8	36.4	26.2	49.9
1944.....	31.0	29.4	34.4	47.4	66.4	74.2	74.8	73.8	66.2	54.4	43.0	22.2	51.4
1945.....	19.8	29.6	49.4	51.6	55.6	66.4	72.4	74.0	65.4	51.5	39.6	21.6	49.7
1946.....	27.2	30.8	50.1	54.2	58.2	70.4	76.1	69.9	65.8	59.0	42.8	33.0	53.1
1947.....	28.5	21.5	32.7	49.8	56.8	68.0	72.4	82.0	68.2	63.2	35.0		

Monthly and Annual Maximum Temperatures

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1856.....	36	48	61	88	95	100	100	92	95	90	61	49	100
1857.....	43	59	66	73	90	91	100	97	91	78	63	54	100
1858.....	59	46	77	87	88	98	98	102	90	86	54	51	102
1859.....	49	70	72	75	88	97	104	95	86	80	70	59	104
1860.....	53	57	79	88	98	95	98	98	93	89	62	47	98
1861.....	44	69	76	81	86	96	98	100	91	72	73	66	100
1862.....	40	45	74	72	86	92	98	93	89	89	65	61	98
1863.....	58	51	63	82	88	98	98	93	88	73	68	59	98
1864.....	65	59	70	77	92	98	98	97	98	71	73	67	98
1865.....	48	56	67	75	83	91	95	89	89	79	64	50	95
1866.....	45	59	63	87	88	92	95	90	79	75	62	53	95
1867.....	44	59	52	72	75	95	95	93	92	84	72	55	95
1868.....	51	54	75	79	82	97	98	89	82	77	65	53	98
1869.....	54	69	69	71	89	89	92	95	88	77	62	48	95
1870.....	52	62	60	86	91	99	101	94	90	79	70	53	101
1871.....	62	66	72	84	90	94	96	96	93	88	66	51	96
1872.....	49	55	65	88	88	98	97	95	95	84	64	51	98
1873.....	51	53	66	86	87	98	99	105	90	77	61	62	105
1874.....	64	56	72	79	93	98	104	100	94	83	77	52	104
1875.....	45	46	78	80	93	93	96	92	93	77	59	71	96
1876.....	62	66	75	78	90	91	96	96	89	79	69	44	96
1877.....	57	58	72	79	89	91	95	97	90	86	59	66	97
1878.....	50	58	74	80	83	93	101	97	91	83	61	48	101
1879.....	46	53	74	86	91	92	100	96	86	90	73	62	100
1880.....	62	65	67	83	92	97	98	100	88	82	64	50	100
1881.....	37	53	48	82	93	94	101	101	98	81	64	57	101
1882.....	60	69	69	82	82	97	97	94	93	83	75	47	97
1883.....	37	50	68	85	87	95	98	95	90	83	67	60	98
1884.....	48	49	67	85	84	94	93	97	94	90	68	57	97
1885.....	48	49	64	79	89	95	104	97	87	75	68	52	104
1886.....	56	52	78	88	92	95	101	99	94	84	72	56	101
1887.....	56	57	73	90	93	101	106	104	98	86	75	56	106
1888.....	43	54	68	86	84	94	100	101	91	79	80	57	101
1889.....	60	52	75	79	92	92	94	93	91	80	59	65	94
1890.....	66	68	65	84	93	100	102	102	93	86	74	60	102
1891.....	55	68	64	81	83	95	92	99	93	90	63	62	99
1892.....	49	57	70	77	81	96	98	97	92	86	61	65	98
1893.....	50	46	77	88	89	95	100	99	98	86	75	63	100
1894.....	67	53	80	92	93	98	102	100	95	86	68	57	102
1895.....	50	68	86	86	98	98	98	98	95	75	74	59	98
1896.....	53	65	74	88	93	97	99	101	93	80	74	61	101
1897.....	63	54	65	81	87	99	101	99	97	90	71	59	101
1898.....	56	65	70	83	85	95	98	95	94	75	70	52	98
1899.....	48	57	65	92	90	97	97	99	104	88	68	57	104
1900.....	58	59	61	85	91	94	98	99	92	87	69	56	99
1901.....	54	43	72	90	92	100	106	96	93	86	71	59	106
1902.....	55	52	70	87	93	95	95	92	84	80	75	54	95
1903.....	53	54	79	81	88	95	100	96	90	86	71	47	100
1904.....	47	59	72	83	93	96	104	95	92	84	71	54	104
1905.....	55	52	74	82	84	93	93	95	93	85	72	52	95
1906.....	65	56	56	82	90	92	95	95	93	77	72	58	95
1907.....	65	59	87	75	83	89	92	94	91	84	60	62	94
1908.....	53	55	76	79	87	92	94	95	93	85	70	53	95
1909.....	71	61	61	85	86	90	94	97	92	82	74	58	97
1910.....	45	60	85	89	82	98	99	94	91	85	68	48	99
1911.....	56	63	76	72	95	100	100	95	95	86	77	61	100
1912.....	40	53	67	75	88	91	96	95	97	87	72	58	97
1913.....	54	63	66	80	90	99	103	101	101	82	74	58	103
1914.....	62	47	72	84	93	99	102	98	88	84	73	57	102
1915.....	51	55	59	85	90	89	91	88	89	81	79	45	91
1916.....	60	60	75	82	88	92	103	98	94	87	76	67	103
1917.....	58	53	77	84	88	91	98	92	86	80	70	54	98
1918.....	36	67	78	74	90	100	96	104	82	82	72	67	104
1919.....	55	56	70	76	90	92	98	96	94	88	63	45	98
1920.....	40	54	75	75	85	96	98	94	91	86	67	58	98
1921.....	53	72	79	82	93	95	101	93	91	83	65	55	101
1922.....	54	71	73	77	87	96	97	98	100	92	68	61	100
1923.....	50	45	70	80	85	97	98	97	86	76	67	57	98
1924.....	51	58	66	86	86	95	94	95	88	84	75	52	95
1925.....	46	63	74	87	93	95	100	94	99	75	64	49	100
1926.....	53	66	70	84	93	94	96	93	90	86	64	52	96
1927.....	48	60	72	80	85	94	94	91	95	86	77	55	95
1928.....	64	53	82	80	89	85	95	94	89	87	66	53	95
1929.....	46	50	81	86	90	93	93	95	92	80	57	55	95
1930.....	52	71	72	92	88	99	107	103	94	86	78	56	107
1931.....	61	60	57	84	87	103	102	98	96	88	78	57	103
1932.....	60	74	72	80	91	95	98	95	90	82	64	60	98
1933.....	59	63	77	79	86	101	97	93	100	80	80	65	101
1934.....	60	62	68	79	104	105	105	104	88	83	71	45	105
1935.....	50	54	77	84	80	89	97	96	92	85	68	51	97
1936.....	53	64	78	87	89	105	113	106	96	82	68	62	113
1937.....	47	54	66	81	92	99	95	99	94	89	81	53	99
1938.....	53	69	80	84	86	94	96	97	94	88	79	54	97
1939.....	60	56	82	84	93	93	97	92	102	89	67	62	102
1940.....	37	49	75	84	89	94	104	99	94	88	74	62	104
1941.....	51	57	61	87	92	98	102	101	93	83	75	60	102
1942.....	57	41	76	89	93	96	97	97	92	83	75	59	97
1943.....	48	65	82	78	90	94	95	96	89	81	65	58	96
1944.....	63	58	67	73	90	96	95	97	92	83	76	40	97
1945.....	40	56	81	76	82	90	96	98	92	78	77	56	98
1946.....	55	60	79	83	83	91	97	90	90	86	62	66	97
1947.....	51	52	58	77	83	94	98	101	93	86	61	58	101

Monthly and Annual Minimum Temperatures

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1856.....	-20	-20	0	27	41	48	58	46	35	22	12	- 6	-20
1857.....	-16	- 1	- 1	18	32	43	53	47	41	23	- 1	18	-16
1858.....	13	-15	4	25	40	51	58	50	44	32	11	1	-15
1859.....	-10	2	25	25	45	35	48	50	41	25	14	-13	-13
1860.....	-18	- 6	23	28	31	41	55	53	44	26	0	- 8	-18
1861.....	- 3	- 1	12	28	33	50	50	53	36	26	14	2	- 3
1862.....	-11	-10	14	23	40	49	59	59	45	20	23	7	-11
1863.....	10	- 4	16	27	36	49	50	41	35	25	4	-11	-11
1864.....	-22	- 6	10	31	35	46	53	52	41	32	10	- 7	-22
1865.....	- 2	14	8	22	40	57	52	50	51	28	26	- 8	- 8
1866.....	- 4	-13	10	30	37	47	62	48	39	28	22	3	-13
1867.....	- 9	- 7	- 6	27	30	52	52	52	41	30	3	7	- 9
1868.....	-10	- 6	8	19	42	50	62	53	36	26	25	-13	-13
1869.....	17	- 2	- 3	25	41	50	57	56	40	14	14	4	- 3
1870.....	4	- 7	10	30	43	50	57	53	53	31	20	-13	-13
1871.....	1	6	28	32	39	53	57	48	34	29	3	- 6	- 6
1872.....	- 7	- 7	10	26	37	53	57	53	37	28	0	-22	-22
1873.....	-22	- 8	- 4	30	38	49	57	54	35	21	10	10	-22
1874.....	- 6	5	16	20	43	50	59	60	43	25	4	1	- 6
1875.....	-20	-18	- 4	21	30	47	61	50	35	30	8	- 3	-20
1876.....	5	- 2	8	32	35	48	59	58	40	26	14	-13	-13
1877.....	-11	22	7	25	35	46	57	57	48	35	13	22	-11
1878.....	4	15	29	34	38	50	60	58	43	27	28	-15	-15
1879.....	-21	- 2	5	19	39	50	62	52	39	26	18	- 6	-21
1880.....	23	12	18	28	43	55	52	53	38	24	- 1	-16	-16
1881.....	-18	- 2	13	17	40	50	57	58	44	37	9	12	-18
1882.....	2	9	19	26	35	47	53	51	43	35	14	-13	-13
1883.....	-22	-13	14	28	35	50	52	50	41	34	11	- 1	-22
1884.....	-27	5	0	31	44	50	59	50	50	29	16	-10	-27
1885.....	-22	-22	10	30	37	48	53	52	48	30	26	- 2	-22
1886.....	-18	-15	17	23	39	48	55	52	44	32	17	-15	-18
1887.....	-21	- 1	12	28	48	53	59	52	41	21	5	- 6	-21
1888.....	-15	-12	7	32	35	46	58	52	35	30	23	18	-15
1889.....	0	- 5	23	30	35	46	59	55	36	28	7	14	- 5
1890.....	- 2	8	- 1	31	33	57	60	52	40	26	26	16	- 2
1891.....	12	- 4	7	28	38	52	52	50	46	30	2	8	- 4
1892.....	- 6	7	11	27	45	55	50	52	44	28	11	14	- 6
1893.....	-13	-10	8	30	40	55	62	50	40	23	7	- 6	-13
1894.....	-17	5	13	32	39	45	57	53	42	32	12	- 2	-17
1895.....	-10	-22	14	27	39	56	54	55	36	25	11	5	-22
1896.....	- 4	- 2	13	26	41	52	53	50	36	27	6	13	- 4
1897.....	-16	- 2	15	28	35	44	53	46	35	31	10	- 1	-16
1898.....	7	- 2	21	24	40	53	50	54	48	25	1	- 1	- 2
1899.....	-11	-22	0	17	44	49	52	57	26	33	24	- 1	-22
1900.....	- 6	- 1	4	29	36	51	52	65	40	35	17	7	- 6
1901.....	1	- 6	10	29	38	46	53	53	37	31	17	-10	-10
1902.....	- 9	- 6	10	28	43	48	54	56	37	31	29	- 1	- 9
1903.....	- 5	-13	16	28	35	44	50	53	37	28	14	- 7	-13
1904.....	- 9	- 8	19	25	39	53	48	48	43	30	17	3	- 9
1905.....	- 5	-26	15	28	40	45	52	54	45	24	11	1	-26
1906.....	4	2	5	26	28	48	51	44	47	22	19	3	2
1907.....	- 4	- 9	23	22	29	45	50	48	33	22	14	14	- 9
1908.....	1	- 3	20	22	31	45	49	46	32	24	15	6	- 3
1909.....	- 9	7	11	21	32	47	47	50	35	22	18	-12	-12
1910.....	- 8	- 9	18	22	35	42	50	41	39	21	15	3	- 9
1911.....	- 5	5	13	22	30	51	46	47	44	25	6	3	- 5
1912.....	-17	- 9	3	30	34	44	54	44	32	29	20	5	-17
1913.....	- 3	- 4	- 6	32	35	40	52	54	37	21	16	16	- 6
1914.....	6	- 3	8	22	37	47	54	53	43	22	7	-19	-19
1915.....	-18	12	19	22	37	42	51	41	40	26	17	0	-18
1916.....	-17	- 5	9	24	35	49	59	46	34	29	11	-11	-17
1917.....	- 5	-16	5	23	33	40	49	46	35	21	15	-13	-16
1918.....	-21	-15	18	28	31	52	51	55	33	33	18	6	-21
1919.....	-14	8	6	23	40	55	57	49	43	26	14	- 9	-14
1920.....	- 9	- 5	1	14	34	48	53	43	38	24	13	- 6	- 9
1921.....	6	13	18	28	34	48	57	52	45	31	15	9	6
1922.....	- 4	3	17	30	45	48	50	47	40	29	17	- 6	- 6
1923.....	15	- 6	- 2	26	32	45	54	46	37	23	24	- 2	- 6
1924.....	-20	6	18	22	36	48	49	51	38	28	10	-24	-24
1925.....	2	4	- 2	23	30	49	52	52	50	7	12	- 7	- 7
1926.....	- 7	12	7	19	36	45	50	55	31	28	10	- 2	- 7
1927.....	-20	17	20	27	38	47	53	48	39	32	19	- 5	-20
1928.....	-14	7	14	23	35	44	51	53	29	26	18	5	-14
1929.....	- 8	- 9	17	29	34	41	54	49	35	30	- 1	- 4	- 9
1930.....	-19	0	12	31	37	44	47	52	38	22	- 1	10	-19
1931.....	6	13	18	27	36	44	56	50	41	34	23	21	6
1932.....	1	14	3	28	35	51	51	52	36	25	16	-13	-13
1933.....	16	-19	8	31	37	46	58	52	43	29	11	- 4	-19
1934.....	- 4	- 9	- 1	28	38	53	58	48	39	27	24	- 3	- 9
1935.....	- 7	7	20	28	34	48	60	44	34	25	14	- 9	- 9
1936.....	-20	-14	17	18	43	43	53	54	47	27	15	2	-20
1937.....	- 8	1	18	28	42	45	51	56	34	23	4	4	- 8
1938.....	- 1	11	23	23	37	50	56	55	38	31	12	4	- 1
1939.....	5	4	13	22	37	48	58	54	38	29	20	- 1	- 1
1940.....	-13	- 4	10	23	33	51	49	50	34	32	8	- 1	-13
1941.....	2	- 2	7	35	37	52	53	54	38	27	15	12	- 2
1942.....	-11	4	23	29	38	44	51	45	24	21	17	- 3	-11
1943.....	-12	- 4	-11	22	34	46	57	51	39	29	17	- 7	-12
1944.....	2	- 9	10	22	31	43	51	54	45	31	18	- 5	- 9
1945.....	- 8	- 3	20	31	32	39	51	50	43	30	14	- 8	- 8
1946.....	- 2	- 1	11	28	35	43	56	46	37	31	20	- 3	- 3
1947.....	- 8	- 1	11	31	33	43	48	54	38	39	3	13	- 8

Monthly and Annual Precipitation

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual
1856.....	0.80	1.03	0.25	0.86	4.08	1.50	2.83	1.39	0.78	1.66	4.00	6.13	25.31
1857.....	0.37	5.33	3.84	1.39	2.80	2.77	1.40	5.61	2.16	2.01	1.35	1.50	30.53
1858.....	1.48	1.95	3.28	6.25	10.64	5.95	5.75	3.24	2.96	3.24	4.85	3.67	53.26
1859.....	1.50	1.42	5.83	2.60	3.17	2.18	0.67	4.14	2.84	2.15	2.40	1.23	30.13
1860.....	1.86	2.40	1.13	1.64	2.00	4.95	8.87	2.39	2.11	0.70	3.13	3.08	34.26
1861.....	1.25	2.46	3.96	4.95	2.19	2.31	2.31	2.78	3.72	2.33	1.09	0.94	30.29
1862.....	4.27	0.70	2.71	5.03	1.46	3.67	7.74	9.04	5.09	1.61	1.81	5.20	48.33
1863.....	2.83	3.20	2.60	1.52	2.97	0.45	4.82	2.24	2.51	3.92	0.71	4.49	32.26
1864.....	1.42	0.41	2.20	4.81	1.88	2.55	2.92	1.56	4.71	1.53	3.82	3.06	30.87
1865.....	0.22	4.01	3.57	4.27	2.34	1.86	5.77	3.61	8.31	1.67	0.31	1.06	37.00
1866.....	3.21	1.10	2.54	2.65	2.57	2.61	5.17	3.97	6.50	2.87	0.51	2.05	35.75
1867.....	1.36	2.88	1.74	1.57	4.40	2.92	2.65	2.26	0.69	1.10	1.93	1.21	24.62
1868.....	0.77	0.75	5.38	3.18	7.85	1.43	1.47	2.74	4.46	1.41	4.50	1.81	35.75
1869.....	0.99	2.62	1.71	3.59	6.09	8.35	7.35	3.39	0.74	1.53	3.13	2.63	42.12
1870.....	2.05	0.33	4.37	0.45	1.62	0.75	0.68	3.26	3.56	4.27	1.21	1.12	23.67
1871.....	2.45	1.62	3.24	2.58	1.93	3.47	4.03	4.95	0.65	3.37	2.09	2.04	32.42
1872.....	0.20	0.69	2.53	2.95	2.38	9.76	7.80	4.54	4.13	0.80	2.00	1.07	38.85
1873.....	3.47	1.29	1.30	4.76	4.78	2.96	4.25	1.25	3.65	2.26	1.46	7.15	38.58
1874.....	3.04	1.45	1.11	2.90	2.51	1.95	1.46	5.60	1.15	1.00	2.20	0.67	25.04
1875.....	0.32	2.20	2.05	2.00	4.23	3.00	8.28	1.02	9.61	3.46	0.71	2.39	39.27
1876.....	2.63	2.00	4.70	2.66	3.94	6.17	5.54	3.14	4.51	4.86	2.63	0.28	43.06
1877.....	0.92	0.06	3.32	2.86	2.57	9.43	3.01	2.04	2.83	5.68	3.65	3.45	39.82
1878.....	0.50	2.25	2.10	3.75	4.45	3.94	2.58	4.42	0.97	3.96	0.91	2.08	31.91
1879.....	1.05	0.97	1.80	2.95	0.93	3.23	3.42	1.88	3.72	2.17	4.93	1.92	28.97
1880.....	3.38	3.95	3.30	5.94	6.73	2.32	3.17	3.38	3.09	1.75	1.92	0.96	39.89
1881.....	0.52	3.51	3.52	1.62	3.60	7.20	2.43	1.38	4.05	5.56	4.26	3.50	41.15
1882.....	1.27	3.21	3.12	2.41	6.34	11.18	2.91	1.92	1.43	3.76	2.08	1.76	41.53
1883.....	1.31	4.14	0.77	6.18	6.54	4.39	3.57	0.57	2.93	3.57	4.19	1.37	39.53
1884.....	0.70	3.18	2.17	2.62	5.50	3.87	3.67	4.13	5.76	4.80	2.19	3.21	41.80
1885.....	2.63	2.24	0.87	4.44	1.70	4.07	3.73	2.64	5.28	2.32	1.04	2.44	33.40
1886.....	2.41	1.86	2.25	2.75	2.90	3.67	0.47	3.30	4.68	1.81	1.34	0.89	28.33
1887.....	1.10	5.45	0.94	1.53	1.24	1.53	2.85	2.72	2.53	2.14	1.62	3.65	27.30
1888.....	1.87	1.66	4.03	1.18	6.72	1.84	6.48	2.30	4.79	2.29	2.67	2.39	38.22
1889.....	1.70	0.84	1.50	2.79	3.92	6.48	7.64	1.23	2.61	2.28	2.91	1.33	35.23
1890.....	2.80	1.26	2.73	2.33	2.74	2.42	0.72	2.39	2.12	3.45	1.79	0.41	25.26
1891.....	1.69	1.90	2.68	3.64	1.97	3.31	2.82	5.71	2.00	0.71	4.08	2.40	32.91
1892.....	1.25	1.78	2.45	4.54	7.70	6.05	3.08	0.73	2.35	1.20	2.72	1.75	35.60
1893.....	1.15	2.92	3.01	7.86	4.65	1.82	2.48	0.44	3.02	0.70	2.21	1.74	32.00
1894.....	2.60	1.48	3.06	2.22	3.58	4.18	1.00	2.50	4.42	1.45	2.92	1.58	30.99
1895.....	1.32	0.37	1.02	2.89	1.84	1.67	8.72	2.27	4.92	0.67	4.17	5.86	35.72
1896.....	1.30	1.95	1.05	4.47	5.74	2.23	7.02	4.69	4.86	0.23	2.20	0.40	36.14
1897.....	5.39	1.19	4.70	2.87	1.29	2.11	4.65	1.02	0.93	0.04	3.48	1.16	28.83
1898.....	4.08	2.59	5.74	3.02	5.54	3.37	0.47	3.26	6.05	3.00	2.03	0.93	40.08
1899.....	0.72	1.96	2.97	1.36	6.03	2.60	1.69	1.27	5.24	2.78	2.25	2.12	30.99
1900.....	1.92	5.64	1.42	1.09	5.54	1.44	2.45	5.39	2.94	2.90	1.87	0.39	32.99
1901.....	1.98	1.24	4.31	0.81	1.50	4.32	3.97	1.29	2.64	0.90	0.80	2.26	26.02
1902.....	0.62	1.41	2.71	2.29	2.99	9.60	7.30	7.42	6.84	3.78	2.83	1.54	49.33
1903.....	0.89	1.70	3.66	5.15	4.22	2.39	4.91	7.22	5.78	2.13	0.85	0.95	39.85
1904.....	1.87	1.29	4.42	3.48	4.06	2.44	5.58	4.13	6.67	0.10	0.12	1.33	35.49
1905.....	1.15	1.45	2.00	3.99	4.53	5.13	4.24	1.36	1.78	2.77	2.45	1.60	32.45
1906.....	1.70	1.85	2.55	2.77	2.88	3.24	2.48	1.59	4.92	1.00	2.42	1.65	29.05
1907.....	5.39	0.14	2.34	2.82	2.08	3.99	4.89	6.60	2.94	0.35	1.68	1.66	34.88
1908.....	0.59	3.98	2.50	4.08	7.76	4.09	3.94	2.78	0.82	0.71	1.89	0.82	33.96
1909.....	1.55	3.67	1.81	7.17	3.72	3.56	4.57	0.79	3.68	3.59	5.53	2.50	42.14
1910.....	1.97	1.10	0.52	3.56	4.49	0.78	3.23	0.68	3.12	1.69	0.79	1.25	23.18
1911.....	2.37	2.39	2.64	2.69	1.03	6.64	2.58	1.73	12.30	2.65	3.01	2.13	42.16
1912.....	0.35	1.21	2.03	6.88	4.39	1.86	5.04	1.67	3.54	4.03	1.56	1.13	33.69
1913.....	2.18	3.00	3.46	3.54	1.85	2.50	0.46	2.87	2.58	3.11	2.77	0.74	29.06
1914.....	1.93	1.36	1.60	2.10	2.28	2.45	0.82	2.40	5.55	2.15	0.20	1.81	24.65
1915.....	1.89	2.71	0.67	1.60	11.49	2.08	6.91	4.78	4.88	0.55	2.29	1.66	41.51
1916.....	5.95	0.29	2.33	1.60	7.51	2.55	1.14	6.03	3.73	2.93	1.88	1.75	37.69
1917.....	1.86	0.27	2.26	4.54	2.40	7.43	1.92	3.36	3.14	2.23	0.07	0.63	30.11
1918.....	1.58	1.64	0.91	3.70	3.02	4.69	3.46	5.88	1.67	2.97	3.18	2.80	35.50
1919.....	0.07	2.32	4.52	2.35	3.79	3.96	3.09	4.73	3.48	2.12	2.91	0.30	33.64
1920.....	0.93	0.27	5.84	6.12	3.03	2.18	1.56	1.87	1.84	1.93	1.22	1.87	28.66
1921.....	1.39	0.29	4.89	6.36	2.13	2.17	3.95	3.86	4.86	2.97	3.43	2.91	39.21
1922.....	1.69	1.98	5.09	3.62	4.60	0.99	3.06	0.72	2.71	2.02	3.67	1.38	31.53
1923.....	1.10	0.83	4.08	1.95	5.15	2.09	1.35	2.84	5.28	3.85	1.37	2.21	32.10
1924.....	1.72	1.64	2.28	2.13	1.91	8.08	5.59	7.15	3.74	1.27	0.52	2.40	38.43
1925.....	0.48	1.99	1.58	1.68	1.53	3.15	3.93	4.27	4.99	2.49	2.70	1.12	29.91
1926.....	1.39	2.42	2.35	2.60	2.18	5.63	5.94	6.79	11.55	2.62	5.41	1.12	50.00
1927.....	1.76	2.85	4.55	4.87	9.22	5.71	4.94	1.45	5.82	4.20	3.38	2.91	51.66
1928.....	0.36	1.73	0.96	2.84	3.21	6.60	4.35	3.62	3.18	3.66	3.97	2.53	37.01
1929.....	3.98	0.58	4.57	4.56	5.03	4.44	5.76	3.02	1.04	3.89	1.72	1.07	39.66
1930.....	2.81	2.10	1.55	3.58	1.07	2.53	1.02	1.56	1.31	3.14	3.07	0.29	24.03
1931.....	0.48	0.83	2.50	2.23	5.14	2.29	5.91	2.49	4.92	3.15	5.55	2.26	37.75
1932.....	2.51	1.40	2.51	1.99	3.61	4.75	3.41	3.14	1.78	3.18	0.94	4.46	33.63
1933.....	1.69	1.33	4.70	3.05	7.97	1.15	1.93	2.66	5.92	2.23	0.26	1.18	34.07
1934.....	1.05	0.77	1.76	1.13	0.47	2.82	5.44	2.30	6.57	1.97	4.81	1.34	30.43
1935.....	1.93	2.83	3.32	2.91	8.58	6.62	2.64	0.98	3.33	1.59	4.03	1.39	40.15
1936.....	1.79	1.63	1.80	1.64	1.72	0.45	1.24	2.27	10.58	3.35	1.18	3.26	30.91
1937.....	2.86	2.46	1.02	4.42	3.22	4.87	2.32	1.55	1.14	2.69	1.28	2.06	29.81
1938.....	4.32	2.21	4.42	3.80	5.72	6.76	6.34	3.01	2.12	0.84	1.65	1.43	42.62
1939.....	3.40	2.88	3.24	5.16	4.48	5.53	4.80	2.38	0.85	3.80	1.14	0.61	38.27
1940.....	0.84	0.86	2.10	3.85	3.55	3.30	0.50	3.29	1.16	3.13	1.89	1.67	26.14
1941.....	3.56	1.01	1.86	4.40	5.64	3.16	1.89	2.07	4.87	10.53	2.02	1.38	42.39
1942.....	1.22	4.95	2.58	3.51	3.28	4.84	3.88	2.13	3.34	0.96	4.72	2.45	37.86
1943.....	1.84	0.99	2.28	5.38	7.35	3.49	2.56	4.63	0.88	1.60	1.23	0.58	32.81
1944.....	0.57	1.74	5.92	8.32	4.12	2.72	1.73	2.86	4.49	1.23	1.33	0.90	35.93
1945.....	0.49	1.24	3.90	5.58	4.90	5.66	0.57	1.11	7.36	0.74	2.19	2.39	36.13
1946.....	2.63	0.58	4.22	1.55	5.06	7.41	0.79	3.40	2.32	3.88	5.29	1.76	38.89</

SEASONAL SNOWFALL

Winter	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Sea- son
1884-85.....		0.0	0.5	5.7	18.0	10.0	0.2	0.1	0.0	34.5
1885-86.....		0.0	0.0	8.0	17.0	1.0	5.0	0.4	0.0	31.4
1886-87.....		0.0	1.5	7.7	4.2	1.7	7.0	0.5	0.0	22.6
1887-88.....		T.	0.4	8.2	6.6	1.3	0.5	0.0	0.0	17.0
1888-89.....		0.0	0.3	0.3	3.6	8.0	1.2	0.0	0.0	13.4
1889-90.....		0.0	3.0	0.0	1.0	6.0	3.0	0.0	0.0	13.0
1890-91.....		0.0	0.0	0.0	4.8	1.0	7.0	0.6	0.0	13.4
1891-92.....		0.0	0.6	2.5	8.5	1.7	1.3	0.0	0.0	14.6
1892-93.....		0.0	4.6	0.3	8.9	16.5	0.4	0.0	0.0	30.7
1893-94.....		0.0	4.0	10.0	5.0	8.0	0.3	0.0	0.0	27.3
1894-95.....		0.0	0.7	T.	7.0	2.5	4.0	2.0	0.0	16.2
1895-96.....		0.0	5.0	0.9	1.3	12.0	1.5	3.0	0.0	23.7
1896-97.....		0.0	3.0	T.	9.0	5.2	4.7	0.5	0.0	22.4
1897-98.....		0.0	0.5	5.5	9.5	5.0	2.0	T.	0.0	22.5
1898-99.....		0.0	2.0	1.0	2.0	1.7	8.5	0.0	0.0	15.2
1899-00.....		0.0	T.	5.0	T.	26.5	1.4	0.8	0.0	33.7
1900-01.....		0.0	0.5	0.6	1.0	10.8	0.5	0.0	0.0	13.4
1901-02.....		0.0	0.0	3.7	6.3	2.1	0.2	0.0	0.0	12.3
1902-03.....		0.0	T.	0.6	7.0	4.5	0.0	0.0	0.0	12.1
1903-04.....		0.0	0.0	4.0	9.9	10.0	5.3	0.0	0.0	29.2
1904-05.....		0.0	0.0	3.2	10.5	12.8	0.3	0.5	0.0	27.3
1905-06.....		T.	T.	1.5	3.1	0.1	13.2	0.0	0.0	17.9
1906-07.....		T.	0.3	0.6	8.5	1.4	7.9	0.7	0.0	19.4
1907-08.....		0.0	T.	2.5	3.4	12.3	T.	T.	0.0	18.2
1908-09.....		0.0	0.2	3.8	2.7	5.0	1.4	T.	0.0	13.1
1909-10.....		T.	T.	18.0	2.3	2.1	0.0	1.7	0.0	24.1
1910-11.....		T.	T.	1.6	11.3	7.2	0.1	4.0	0.0	24.2
1911-12.....		T.	2.7	6.3	2.1	8.5	10.5	4.5	0.0	34.6
1912-13.....		0.0	T.	T.	7.3	9.5	5.3	T.	0.0	22.1
1913-14.....		0.1	T.	3.0	8.6	12.2	1.1	T.	0.0	25.0
1914-15.....		0.0	T.	14.4	8.4	0.1	4.1	0.0	0.0	27.0
1915-16.....		0.0	T.	7.2	3.9	3.1	4.0	0.0	0.0	18.2
1916-17.....		0.3	T.	3.9	4.1	1.2	T.	T.	0.0	9.5
1917-18.....		0.6	T.	7.4	16.9	0.4	0.2	T.	0.0	25.5
1918-19.....		0.0	T.	7.0	0.3	9.8	4.4	0.0	0.0	21.5
1919-20.....		0.0	0.9	1.2	8.5	0.2	0.3	8.2	0.0	19.3
1920-21.....		T.	0.5	4.6	3.2	0.2	T.	0.1	0.0	8.6
1921-22.....		0.0	4.2	1.2	2.8	0.6	1.3	0.0	0.0	10.1
1922-23.....		0.0	2.5	1.9	5.4	1.5	3.7	1.6	0.1	16.7
1923-24.....		T.	T.	0.6	5.0	5.9	7.9	0.4	0.0	19.8
1924-25.....		0.0	0.2	6.6	5.1	1.1	7.3	0.0	0.0	20.3
1925-26.....		2.8	4.8	3.0	4.8	3.0	18.2	7.4	0.0	44.0
1926-27.....		0.0	10.7	1.6	15.5	1.3	0.3	0.1	0.0	29.5
1927-28.....		0.0	T.	6.5	1.0	1.1	2.5	0.1	0.0	11.2
1928-29.....		0.0	T.	1.3	10.1	4.1	T.	T.	0.0	15.5
1929-30.....		3.3	0.8	9.5	14.1	0.6	5.6	0.0	0.0	33.9
1930-31.....		T.	3.8	1.2	1.2	T.	10.3	T.	0.0	16.5
1931-32.....		0.0	0.7	4.9	1.6	3.4	5.9	T.	0.0	16.5
1932-33.....		T.	5.6	5.9	0.6	10.9	4.1	T.	0.0	27.1
1933-34.....		0.0	T.	1.5	0.8	10.8	14.7	T.	0.0	27.8
1934-35.....		0.0	0.0	8.2	0.1	1.2	0.1	3.0	0.0	12.6
1935-36.....		0.0	0.1	10.9	15.4	7.3	0.9	3.0	0.0	37.6
1936-37.....		T.	0.1	0.6	4.7	2.0	1.2	T.	0.0	8.6
1937-38.....		T.	4.1	0.8	6.3	7.0	T.	6.2	0.0	24.4
1938-39.....		T.	0.6	0.9	13.6	3.3	T.	T.	0.0	18.4
1939-40.....		0.0	T.	8.0	4.3	8.2	2.3	T.	T.	22.8
1940-41.....		0.0	1.3	0.3	9.1	3.3	5.1	0.0	0.0	19.1
1941-42.....		0.0	3.5	3.6	3.5	8.9	0.7	T.	0.0	20.2
1942-43.....	1.0	0.0	3.2	9.5	14.3	6.5	7.7	0.2	0.0	42.4
1943-44.....	0.0	0.0	0.4	3.0	T.	11.0	2.8	0.0	T.	17.2
1944-45.....	0.0	0.0	0.3	8.3	7.0	3.0	2.7	T.	0.0	21.3
1945-46.....	0.0	0.0	0.5	7.0	1.8	3.2	9.9	T.	0.0	22.4
1946-47.....	0.0	0.0	0.0	5.1	5.1	5.3	6.8	T.	0.0	22.3
1947-48.....	0.0	0.0	3.6	1.8	.....	.....	.....	.....	.....	.....
Averages.....	T.	0.1	1.3	4.1	6.2	5.3	3.6	0.8	T.	21.5
Heaviest single storms....	1.0 1942	3.3 1929	9.7 1926	9.4 1909	14.4 1927	18.0 1900	9.6 1926	7.5 1920	0.1 1923	..... .....

Amounts for 1884 and 1885 are estimated from precipitation records of river observer. Record 1886 to 1905 by Dr. Brendel, co-operative observer.

Eight winters had more than 30 inches; and three winters had less than 10 inches.

The earliest snow was on September 25th, and the latest on May 9th.

The storm of February 27-28, 1900, giving 18 to 20 inches in this section, is thought to be the heaviest in a century at Peoria.

In the winter of 1830-31 two storms, on December 29-30 and January 5th, are said by Drown's Record and Historical Review (pub. 1849) to have given 4 feet of snow, and blockaded all roads for 2 or 3 weeks. That does not seem impossible, for recent decades have had single falls of around 2 feet of snow in central Illinois.

WEATHER SUMMARY BY MONTHS

January averaged mild. The major cold "spell" occurred on the 4th and 5th, giving the only zero temperatures of the month and the lowest temperature of the year, -8° . The glaze storm of the 29th-30th, accompanied with high winds, disrupted wire service for several days.

February averaged cold and dry, the driest February since 1921.

March was consistently cool. Precipitation was slightly deficient but much of it fell as snow giving almost twice the usual amount.

April was very wet with a total monthly amount of 8.66 inches, a new all-time record for April. Heavy rains on the 5th and 29th accounted for 6.31 inches of the monthly total, with a new April record established for greatest amount during a 24 hour period, 3.39 inches on the 29th. Temperature averaged just about normal.

May was also wet resulting in a very poor month for agricultural activities. With rain occurring on 21 days, there was very little opportunity for the soil to dry out. Temperatures averaged below normal with a new low record established for the 29th when the temperature dropped to 37° .

June received twice the normal amount of moisture, making the 3 months of April, May and June the 3rd wettest spring season of record. This in conjunction with cool temperatures resulted in a backward and much delayed beginning of the growing season.

July was dry and cool. The lowest temperatures of the month occurred on the 22nd and 23rd establishing new record lows for those dates.

August averaged the warmest of all Augusts of record. There were 5 days with temperatures 100° or higher and 23 days with temperatures 90° or higher. Moisture was quite deficient, which, in conjunction with the high temperatures, resulted in drought-like conditions.

September was also warm and dry, however most of the rainfall came at a gently rate of fall, soaking into the ground, thus somewhat replenishing the top soil moisture.

October, not to be outdone by previous months, averaged warmer than any October of record. Moisture was in excess with most of it occurring the last half of the month.

November was cool and slightly above normal in precipitation. The first killing frost in the fall occurred on the 6th, ending the late growing season, a total of 199 days.

December averaged mild and wet. It was the first December since 1931 that the lowest reading of the month did not drop below 10° . Snowfall was quite deficient.

